| A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> H01H9/34, H01H50/00, H01H50/02   |  |  |                             |  |
|--|--|--|-----------------------------|--|
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|  | S SEARCHED   |  |                             |  |
| Minimum d  | ocumentation searched (classification system followed                                    | by classification symbols)   |                             |  |
| Int.   | Cl <sup>7</sup> H01H9/34, H01H9/44, H01H5  | 0/00, H01H50/02  |                             |  |
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| Documental   | tion searched other than minimum documentation to th                                     |  |                             |  |
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| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                       |  |  |                             |  |
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| × Furthe   | er documents are listed in the continuation of Box C.                                    | See patent family annex.   |                             |  |
|  | categories of cited documents:<br>ent defining the general state of the art which is not | "T" later document published after the inte  |                             |  |
| considered to be of particular relevance   |  | understand the principle or theory under "X" document of particular relevance; the c | erlying the invention       |  |
| "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is |  | considered novel or cannot be considered step when the document is taken alone       | red to involve an inventive |  |
|  |  | "Y" document of particular relevance; the considered to involve an inventive step    | claimed invention cannot be |  |
| "O" docume means   | ent referring to an oral disclosure, use, exhibition or other                            | combined with one or more other such<br>combination being obvious to a person        | documents, such             |  |
| "P" docume than the  | ent published prior to the international filing date but later priority date claimed     | "&" document member of the same patent if  |                             |  |
| Date of the actual completion of the international search 20 October, 2003 (20.10.03)  |  | Date of mailing of the international search 11 November, 2003 (                      |                             |  |
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| A           | Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 165503/1987(Laid-open No. 70226/1989) (Fuji Electric Co., Ltd.), 10 May, 1989 (10.05.89), Full text; Figs. 1 to 20 (Family: none) | 1-3                  |
| Α           | Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 165502/1987(Laid-open No. 70225/1989) (Fuji Electric Co., Ltd.), 10 May, 1989 (10.05.89), Full text; Figs. 1 to 20 (Family: none) | 1-3                  |
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